

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20010008309").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/07 08:31
L2	2307	(438/14).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/07 10:44
L3	7281	ellipsomet\$4	US-PGPUB; USPAT	OR	ON	2006/12/07 10:44
L4	154	2 and 3	US-PGPUB; USPAT	OR	ON	2006/12/07 10:44
L5	127	4 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/07 10:45
S1	1	10/751238	US-PGPUB; USPAT	OR	ON	2006/12/05 17:29
S2	4375	ellipsometry	US-PGPUB; USPAT	OR	ON	2006/12/05 17:32
S3	631560	hydrogen	US-PGPUB; USPAT	OR	ON	2006/12/05 17:30
S4	1598	S2 and S3	US-PGPUB; USPAT	OR	ON	2006/12/05 17:32
S5	1325119	thickness	US-PGPUB; USPAT	OR	ON	2006/12/05 17:32
S6	8288	S3 with S5	US-PGPUB; USPAT	OR	ON	2006/12/05 17:32
S7	7268	ellipsomet\$4	US-PGPUB; USPAT	OR	ON	2006/12/05 17:33
S8	164	S6 and S7	US-PGPUB; USPAT	OR	ON	2006/12/05 17:34
S9	126	S8 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/07 10:45
S10	4375	ellipsometry	US-PGPUB; USPAT	OR	ON	2006/12/05 21:04
S11	631560	hydrogen	US-PGPUB; USPAT	OR	ON	2006/12/05 21:03
S12	1598	S10 and S11	US-PGPUB; USPAT	OR	ON	2006/12/05 21:03
S13	1325119	thickness	US-PGPUB; USPAT	OR	ON	2006/12/05 21:04
S14	8288	S11 with S13	US-PGPUB; USPAT	OR	ON	2006/12/05 21:09
S15	469274	laser	US-PGPUB; USPAT	OR	ON	2006/12/05 21:08

## EAST Search History

S16	2526	S14 and S15	US-PGPUB; USPAT	OR	ON	2006/12/05 21:04
S17	275643	anneal\$3 heat adj2 treatment	US-PGPUB; USPAT	OR	ON	2006/12/05 21:05
S18	171196	anneal\$3	US-PGPUB; USPAT	OR	ON	2006/12/05 21:06
S19	11136	S15 with S18	US-PGPUB; USPAT	OR	ON	2006/12/05 21:06
S20	411	S14 and S19	US-PGPUB; USPAT	OR	ON	2006/12/05 21:06
S21	309	S20 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/06 21:17
S22	7268	ellipsomet\$4	US-PGPUB; USPAT	OR	ON	2006/12/05 21:06
S23	164	S14 and S22	US-PGPUB; USPAT	OR	ON	2006/12/05 21:06
S24	126	S23 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/05 21:09
S25	298	S21 not S24	US-PGPUB; USPAT	OR	ON	2006/12/05 21:07
S26	62	S11 with S13 with S15	US-PGPUB; USPAT	OR	ON	2006/12/05 21:09
S27	37	S17 and S26	US-PGPUB; USPAT	OR	ON	2006/12/05 21:09
S28	27	S27 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/05 21:27
S29	29207	S11 same S13	US-PGPUB; USPAT	OR	ON	2006/12/05 21:27
S30	49	S19 and S22 and S29	US-PGPUB; USPAT	OR	ON	2006/12/05 21:27
S31	42	S30 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/05 21:44
S32	40	S31 not S28	US-PGPUB; USPAT	OR	ON	2006/12/05 21:44
S33	52	S10 same S11 same S13	US-PGPUB; USPAT	OR	ON	2006/12/05 21:44
S34	44	S33 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/05 21:44
S35	38	S34 not S32 not S31 not S28	US-PGPUB; USPAT	OR	ON	2006/12/05 21:45
S36	9	("4962065"   "5313044"   "5798837"   "5858819"   "5864393").PN. OR ("6073464").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:11

## EAST Search History

S37	292786	warn\$3 alarm	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:11
S38	295994	warn\$3 alarm\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:50
S39	0	S36 and S38	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:12
S40	102949	alert\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:12
S41	0	S36 and S40	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:13
S42	2210532	limit	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:13
S43	3	S36 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:14
S44	800727	hydrogen	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:14
S45	9237	S42 with S44	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:14
S46	7268	ellipsomet\$4	US-PGPUB; USPAT	OR	ON	2006/12/06 07:15
S47	27	S45 and S46	US-PGPUB; USPAT	OR	ON	2006/12/06 07:15
S48	19	S47 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/06 07:23
S49	469274	laser	US-PGPUB; USPAT	OR	ON	2006/12/06 07:22
S50	1025	S45 and S49	US-PGPUB; USPAT	OR	ON	2006/12/06 07:59
S51	171347	anneal\$	US-PGPUB; USPAT	OR	ON	2006/12/06 07:23
S52	275	S50 and S51	US-PGPUB; USPAT	OR	ON	2006/12/06 07:23
S53	4	S38 and S52	US-PGPUB; USPAT	OR	ON	2006/12/06 07:25
S54	3	S53 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/06 07:26

## EAST Search History

S55	1	S40 and S52	US-PGPUB; USPAT	OR	ON	2006/12/06 07:26
S56	11144	S49 with S51	US-PGPUB; USPAT	OR	ON	2006/12/06 07:26
S57	53	S52 and S56	US-PGPUB; USPAT	OR	ON	2006/12/06 07:26
S58	47	S57 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/06 07:51
S59	3541	S44 with S49	US-PGPUB; USPAT	OR	ON	2006/12/06 07:50
S60	353053	warn\$3 alarm\$3 alert\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:51
S61	97	S59 and S60	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 07:51
S62	82	S61 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/06 07:59
S63	82	S62 not S58 not S48	US-PGPUB; USPAT	OR	ON	2006/12/06 08:00
S64	187986	amorphous	US-PGPUB; USPAT	OR	ON	2006/12/06 07:53
S65	17	S63 and S64	US-PGPUB; USPAT	OR	ON	2006/12/06 07:53
S66	184	S50 and S64	US-PGPUB; USPAT	OR	ON	2006/12/06 07:59
S67	143	S66 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/06 07:59
S68	112	S67 not S65 not S62 not S58 not S48	US-PGPUB; USPAT	OR	ON	2006/12/06 08:01
S69	604609	silicon	US-PGPUB; USPAT	OR	ON	2006/12/06 08:01
S70	86	S68 and S69	US-PGPUB; USPAT	OR	ON	2006/12/06 08:02
S71	86	S49 and S70	US-PGPUB; USPAT	OR	ON	2006/12/06 10:12
S72	1	09/111126	US-PGPUB; USPAT	OR	ON	2006/12/06 10:13
S73	1	09/000126	US-PGPUB; USPAT	OR	ON	2006/12/06 15:58
S74	1	10/751238	US-PGPUB; USPAT	OR	ON	2006/12/06 17:35
S75	1	("6073464").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/06 17:35

## EAST Search History

S76	7268	ellipsomet\$4	US-PGPUB; USPAT	OR	ON	2006/12/06 21:19
S77	35325	bandgap band adj2 gap	US-PGPUB; USPAT	OR	ON	2006/12/06 17:45
S78	35260	extinction	US-PGPUB; USPAT	OR	ON	2006/12/06 17:45
S79	10	hydrogeh	US-PGPUB; USPAT	OR	ON	2006/12/06 17:45
S80	631560	hydrogen	US-PGPUB; USPAT	OR	ON	2006/12/06 17:45
S81	1	S76 same S77 same S78 same S80	US-PGPUB; USPAT	OR	ON	2006/12/06 18:04
S82	4	S76 same S77 same S80	US-PGPUB; USPAT	OR	ON	2006/12/06 17:47
S83	24	S76 and S77 and S78 and S80	US-PGPUB; USPAT	OR	ON	2006/12/06 17:50
S84	3	S77 same S78 same S80	US-PGPUB; USPAT	OR	ON	2006/12/06 18:27
S85	553	S77 with S80	US-PGPUB; USPAT	OR	ON	2006/12/06 18:27
S86	109	S78 with S77	US-PGPUB; USPAT	OR	ON	2006/12/06 18:28
S87	3	S85 and S86	US-PGPUB; USPAT	OR	ON	2006/12/06 19:44
S88	1	("20040075148").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/06 20:15
S89	10130	laser with resin	US-PGPUB; USPAT	OR	ON	2006/12/06 20:15
S90	2397077	recess groove trnech hole opening	US-PGPUB; USPAT	OR	ON	2006/12/06 20:16
S91	1963	S89 with S90	US-PGPUB; USPAT	OR	ON	2006/12/06 20:16
S92	1827890	metal	US-PGPUB; USPAT	OR	ON	2006/12/06 20:16
S93	2	((("20020117559") or ("20020119079"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/06 20:18
S94	2	((("20020117599") or ("20020119079"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/06 20:20
S95	233	S91 with S92	US-PGPUB; USPAT	OR	ON	2006/12/06 20:21
S96	207778	S90 with S92	US-PGPUB; USPAT	OR	ON	2006/12/06 20:24

## EAST Search History

S97	1285690	fill\$3	US-PGPUB; USPAT	OR	ON	2006/12/06 20:24
S98	21911	S90 with S92 with S97	US-PGPUB; USPAT	OR	ON	2006/12/06 20:25
S99	309	S91 and S98	US-PGPUB; USPAT	OR	ON	2006/12/06 20:25
S10 0	197640	polish\$3	US-PGPUB; USPAT	OR	ON	2006/12/06 20:25
S10 1	101	S99 and S100	US-PGPUB; USPAT	OR	ON	2006/12/06 20:26
S10 2	45	S101 and @ad<"20020603"	US-PGPUB; USPAT	OR	ON	2006/12/06 21:15
S10 3	631560	hydrogen	US-PGPUB; USPAT	OR	ON	2006/12/06 21:15
S10 4	754723	hydrogen h2 "h.sub.2"	US-PGPUB; USPAT	OR	ON	2006/12/06 21:15
S10 5	35325	bandgap band adj2 gap	US-PGPUB; USPAT	OR	ON	2006/12/06 21:16
S10 6	35260	extinction	US-PGPUB; USPAT	OR	ON	2006/12/06 21:21
S10 7	5	S104 same S105 same S106	US-PGPUB; USPAT	OR	ON	2006/12/06 21:16
S10 8	4	S107 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/06 21:41
S10 9	7268	ellipsomet\$4	US-PGPUB; USPAT	OR	ON	2006/12/06 21:19
S11 0	35325	S105 same S105	US-PGPUB; USPAT	OR	ON	2006/12/06 21:20
S11 1	48	S109 same S105	US-PGPUB; USPAT	OR	ON	2006/12/06 21:20
S11 2	155	S109 same S103	US-PGPUB; USPAT	OR	ON	2006/12/06 21:20
S11 3	1	S106 and S111 and S112	US-PGPUB; USPAT	OR	ON	2006/12/06 21:22
S11 4	8	boher.inv.	US-PGPUB; USPAT	OR	ON	2006/12/06 21:23
S11 5	5	S109 and S114	US-PGPUB; USPAT	OR	ON	2006/12/06 21:24
S11 6	0	S106 and S115	US-PGPUB; USPAT	OR	ON	2006/12/06 21:23
S11 7	0	S104 and S105 and S115	US-PGPUB; USPAT	OR	ON	2006/12/06 21:27
S11 8	1	tauc.inv.	US-PGPUB; USPAT	OR	ON	2006/12/06 21:33

## EAST Search History

S11 9	1	("re36671").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/06 21:34
S12 0	1	("re36371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/06 21:39
S12 1	411365	absorption	US-PGPUB; USPAT	OR	ON	2006/12/06 21:39
S12 2	3805	S78 with S121	US-PGPUB; USPAT	OR	ON	2006/12/06 21:39
S12 3	154	S109 and S122	US-PGPUB; USPAT	OR	ON	2006/12/06 21:40
S12 4	61	S105 and S123	US-PGPUB; USPAT	OR	ON	2006/12/06 21:41
S12 5	10	S104 and S105 and S123	US-PGPUB; USPAT	OR	ON	2006/12/06 21:41
S12 6	8	S125 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/06 22:13
S12 7	5	"6073464"	US-PGPUB; USPAT	OR	ON	2006/12/06 21:55
S12 8	3	S104 and S127	US-PGPUB; USPAT	OR	ON	2006/12/06 22:06
S12 9	0	S104 and S105 and S127	US-PGPUB; USPAT	OR	ON	2006/12/06 21:56
S13 0	1	S104 and S105 and S120	US-PGPUB; USPAT	OR	ON	2006/12/06 22:11
S13 1	411365	absorption	US-PGPUB; USPAT	OR	ON	2006/12/06 22:12
S13 2	0	S104 with S105 with S109 with 58'	US-PGPUB; USPAT	OR	ON	2006/12/06 22:12
S13 3	0	S104 with S105 with S109 with S131	US-PGPUB; USPAT	OR	ON	2006/12/06 22:13
S13 4	4	S104 same S105 same S109 same S131	US-PGPUB; USPAT	OR	ON	2006/12/06 22:13
S13 5	3	S134 and @ad<"20031230"	US-PGPUB; USPAT	OR	ON	2006/12/06 22:14